

# Transformer Applications

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# Outline

## 1 TransUNet

- 1 UNet: limitations in explicitly modeling long-range dependency.
- 2 TransUNet: limited localization abilities due to insufficient low-level details.

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- [1] Jieneng Chen et al. “TransUNet: Transformers Make Strong Encoders for Medical Image Segmentation”. In: *CoRR* abs/2102.04306 (2021). arXiv: 2102.04306. URL: <https://arxiv.org/abs/2102.04306>.